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Creative Solutions for Construction and Industry

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JUL 14 2004

**TO:** COREY MACK  
**FROM:** GUY DICKES  
**SUBJECT:** APPLICATION NO. 10/614,173  
**DATE:** 7/14/2004  
**CC:**

OFFICIAL

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FAX COVER SHEET

Please find attached:

Transmittal (1 page)

Response to Detailed Action May 14, 2004 (1 page)

Response to Substance of the Interview (1 page)

Summary and Identification of Corrections (2 pages)

Original Patent Submission with corrections (strikethroughs and italic text)- 13 pages

Revised Submission with new Claims - 13 pages

Revised Drawings- 7 pages

Total Number of Pages, including this Cover Page: 39

Originals will be mailed

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## CONSTELLATION GROUP LLC

*Creative Solutions for Construction and Industry*

July 13, 2004

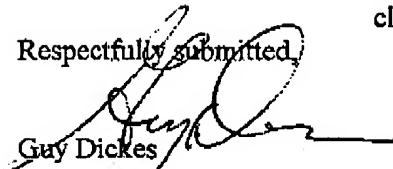
US Patent and Trademark Office  
Commissioner of Patents  
PO Box 1450  
Alexandria, VA 22313-1450  
Attn: Corey Mack

Transmittal- via fax and US Mail

Electronic Volume Measuring Equipment  
Patent Application 10/614,173  
Guy A. Dickes

Page(s)	Title
1	Written Response to Detailed Action May 14, 2004
2	Written Response to Interview Summary
3 to 4	Summary and Identification of Corrections
5 to 17	Electronic Volume Measuring Equipment Patent Application 10/614,173 (original) This submission has been marked up with corrections and deletions ( <del>strikethroughs are deletions</del> , <i>italics are new text</i> ) Claims 1 through 9 have been deleted
18 to 30	Revised Patent Application dated 7/12/2004 Revisions have been included Claims 10 to 16 are included Claims 10 and 14 are independent Claims 11, 12, 13, 15 are dependent
31 to 37	Revised Drawings 1 to 7 Drawing 3 is a new drawing Previous Drawings 3 to 6 are renumbered 4 to 7 Drawings are identified with component numbers and have clarifications

Respectfully submitted,

  
Guy Dickes

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PO Box 1450  
Alexandria, VA 22313-1450  
Attn: Corey Mack

Patent Title: Electronic Volume Measuring Equipment  
Application No: 10/614,173  
Name of Inventor: Guy A. Dickes

Response to Detailed Action May 14, 2004

This letter is in response to the communication "Detailed Action" dated May 14, 2004

1. Drawings- drawings have been corrected in accordance with the Interview with Mr. Mack and Mr. Patel on June 29, 2004
2. Specification- specification has been corrected in accordance with the Interview with Mr. Mack and Mr. Patel on June 29, 2004 and verbal communication with Mr. Mack
3. Claims Objections- original claims have been deleted and rewritten in accordance with suggestions made by Mr. Mack and Mr. Patel on June 29, 2004
- 4-5A Claims Rejections- new claims have been drafted and submitted with this letter
- 6-7ABCDE8,9,10,11, 12- The new claims clearly identify that this invention does not infringe under Parker (US 4,474,061)

Respectfully submitted,



Guy Dickes

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Attn: Corey Mack

Patent Title: Electronic Volume Measuring Equipment  
Application No: 10/614,173  
Name of Inventor: Guy A. Dickes

Statement of the Substance of the Interview

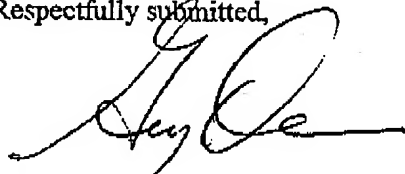
Date of Interview: June 29, 2004

Participants: Corey D. Mack, USPTO  
Harshad Patel, USPTO  
Guy Dickes, Inventor

## Substance of the Interview:

- 1) Applicant demonstrated a device for measuring the internal volumes of unknown size
- 2) Claims were discussed
- 3) Agreement with respect to claims was reached
- 4) Applicant requested assistance drafting and organizing new claims
- 5) The examiners made several suggestions that would more clearly outline Applicants device and put the claims in better form
- 6) Applicant indicated that he would redraft the claims based on the offered suggestions.
- 7) Applicant also indicated that he made several changes to the specification in order to more clearly describe the invention and drawings
- 8) Applicant informed the examiners that he would file both the substitute specification and new claims

Respectfully submitted,



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Electronic Volume Measuring Equipment  
Application No. 10/614,173  
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Summary and Identification of Corrections

Page	Line	Comment
1	30	Grammatical correction
2	20	Grammatical correction
3	7	Clarification
3	17	Clarification and correction
4	2	Clarification and correction
4	3	Deletion
4	15 to 31	Clarification of description of drawings
4	22	Drawing Three is new, subsequent drawings are renumbered 4 to 7
5	1 to 6	Clarification of description of drawings
5	13	Clarification and correction
5	13 to 30	Individual components are numbered for identification
5	15 to 17	Clarification and correction
5	19 to 21	Clarification and correction
5	23-26	Clarification
5	30	Component is categorized (primary or secondary) for importance
6	1 to 30	Components are categorized (primary or secondary) for importance
6	8	Correction
6	19	Correction
6	22 to 24	Correction
6	25 to 26	Corrected inclusion, formerly part of item number 11
6	27 to 29	Clarification
7	19 to 20	Clarification
7	21	Correction
7	1 to 30	Components are identified by numbers
8	4	Clarification
8	9	Correction
8	10	Correction
8	14 to 15	Clarification and correction
8	21	Correction
8	24	Correction
8	4 to 31	Components are identified by numbers
9	1	Clarification
9	11	Clarification
9	1 to 6	Components are identified by numbers
10	1 to 24	Claims 1 to 9 are deleted
10	25	New Claims, starting with Claim 10
11	1 to 31	New Claims, continued

Electronic Volume Measuring Equipment  
Application No. 10/614,173

Guy Dickes

410-484-0672

Summary and Identification of Corrections

Page	Line	Comment
Drawing 1	n/a	Drawing includes step sequence of operation, component identification by number
Drawing 2	n/a	Drawing includes component identification by number; Component layout for compressed gas is shown on Drawing 3
Drawing 3	n/a	New drawing showing component layout previously used on Drawing 2
Drawing 4	n/a	Previously Drawing 3, showing component identification by number and step sequence of operation
Drawing 5	n/a	Previously Drawing 4, showing component identification by number
Drawing 6	n/a	Previously Drawing 5, showing component identification by number
Drawing 7	n/a	Previously Drawing 6, showing component identification by number